Title (en)

TOLERANCE RING FOR DATA STORAGE WITH OVERLAPPING TAB FEATURE FOR MASS CONTROL

Title (de)

TOLERANZRING FÜR DATENSPEICHERUNG MIT SICH ÜBERLAPPENDEM TAB-MERKMAL FÜR MASSENSTEUERUNG

Title (fr)

BAGUE DE TOLÉRANCE POUR UN STOCKAGE DE DONNÉES AVEC UNE CARACTÉRISTIQUE DE PATTE EN CHEVAUCHEMENT POUR UNE COMMANDE DE MASSE

Publication

EP 2218070 B1 20120606 (EN)

Application

EP 07854662 A 20071115

Priority

US 2007084848 W 20071115

Abstract (en)

[origin: WO2009064302A1] A tolerance ring for coupling an actuator arm to a pivot bearing while maintaining mass eccentricity of the actuator arm. The tolerance ring having a substantially cylindrical base portion with a first radius about a central axis and extending a length parallel to the central axis, the cylindrical base portion has a first tab and a second tab extending along the length of the cylindrical base portion, the first tab being positioned proximate to the second tab. The tolerance ring improves mass eccentricity by radially displacing the first tab at a second radius about the axis such that a radial gap is formed between the first tab and second tab.

IPC 8 full level

G11B 5/48 (2006.01)

CPC (source: EP)

F16C 27/00 (2013.01); **F16D 1/0835** (2013.01); **G11B 5/4813** (2013.01); F16C 11/04 (2013.01); F16C 2370/12 (2013.01)

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